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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Minimum DB seq length: 0
Maximum DB seq length: 2000000000
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131.264 Million cell updates/sec
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Gapop 10.0 , Gapext 1.0
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Copyright (c) 1993 - 2000 Compugen Ltd.
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em_estfun:*
em_esthum1:*
em_esthum2:*
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37: em_esthum3:*
40: em_esthum6:*
41: em_esthum6:*
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Match
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    em_gss_hum8:
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 10 AA659492
130 BB318243
1 AA054913
156 T01405
118 AW673096
4 AA237736
116 AW505386
151 BF660764
16 AII21020
173 BC76308
                                                                                                                                                                         IJ
AA659492 nu25d05.s
BB318243 BB318243
AA054913 SWAMCA150
T01405 wEST02126 E
AW673996 ba57c02.y
AA237736 mx29901.r
AW505386 UI-HF-BNO
BF660764 maa72e04.
AI121020 ud69c02.x
BG076302 H3158B03.x
BF453847 maa72e04.
                                                                                                                                                                Description
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144: 145: 146: 147:

9b_est41:
9b_est43:
9b_est43:
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9b_est47:
9b_est50:
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RESULT 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        source
                                                                                                                      Email: Robert_Strausberg@nih.gov

Tissue Procurement: W. Marston Linehan, M.D., Rodrigo Chuaqui, M.D.,

Michael Emmert-Buck, M.D., Ph.D.

CDNA Library Preparation: David B. Krizman, Ph.D.

CDNA Library Arrayed by: Genome Systems Inc., Greg Lennon, Ph.D.

CDNA Library Arrayed by: Genome Systems Genome Sequencing Center

CDNA Sequencing by: Washington University Genome Sequencing Center

Clone distribution: NCI-CGAP clone distribution information can be

found through the I.M.A.G.E. Consortium/LLNL at:

www-bio.llni.gov/bbrp/image/image.html

Seq.primer: -40m13 fwd. ET from Amersham
                                                                                                                                                                                                                                                                                                                                                                                         Contact: Robert Strausberg, Ph.D. Tel: (301) 496-1550
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo. 1 (bases 1 to 143)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            nu25d05.s1 NCI_CGAP_Pr2 Homo sapiens cDNA clone IMAGE:1209033, mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AA659492
                                                                          High quality sequence stop: 139. Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                           Unpublished (1997)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Homo sapiens
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/db_xref="taxon:9606"
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AI539998 SWOVAFCAP
AA140177 mcqofc
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T09111 EST07004 In
AW490430 UI-M-BH3-
AA107198 ml88g05.r
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AI836656 UI-M-AP0-
AZ498397 1M0335K07
D37330 CELK044AXF
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BG088827 H3158B03-
AA930362 vs59f07.r
AA842840 SWAMCACO3
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AZ530862 ENTAC19TR
AL273742 Tetraodon
BE544857 601078856
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AW029991 EST273246
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AV261563 AV261563
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AW487887 UI-M-BH3-
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AQ434635 HS_5086_B
AZ318553 1M0037J19
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52 TTTGAGGAGATGGATCC 36
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Hirozane, T., Hori, F., Ishikawa, J., Ishikawa, T., Itoh, M.,
Izawa, M., Kadota, K., Kagawa, I., Kai, C., Kawai, J., Kikuchi, N.,
Kiyosawa, H., Kojima, Y., Kondo, S., Koya, S., Kurihara, C., Kusakabe, M.
Kiyosawa, H., Kojima, Y., Kondo, S., Koya, S., Kurihara, C., Kusakabe, M.
Matsuyama, T., Miki, R., Mizuno, Y., Nakamura, M., Oda, H., Okazaki, Y.
Ono, T., Owa, C., Saito, H., Sakai, C., Sato, K., Shibata, K., Shibata
Ono, T., Owa, C., Saito, H., Sakai, C., Sato, K., Shibata, Y., Shigemoto, Y., Shinagawa, A., Shiraki, T., Sogabe, Y., Sugahara, Y.
Suzuki, H., Suzuki, H., Tagawa, A., Takahashi, F., Tominaga, N., Toya
T., Tsunoda, Y., Watahiki, A., Watanabe, S., Yamamura, T., Yamanaka, I.
Yano, R., Yasunishi, A., Yokota, T., Yoshida, K., Yoshiki, A., Yoshino
M., Muramatsu, M., and Hayashizaki, Y.
RIKEN Mouse ESTS (Konno, H., et al.)
                              URL:http://genome.rtc.riken.go.jp/
Carninci,P., Nishiyama,Y., Westover,A., Itoh,M., Nagaoka,S., Sasaki,N., Okazaki,Y., Muramatsu,M. and Hayashizaki,Y.
Phermostabilization and thermoactivation of thermolabile enzymes by trehalose and its application for the synthesis of full length DDNA. Proc. Natl. Acad. Sci. U.S.A. 95 (2), 520-524 (1998)
                                                                                                                                                                                                                                                                                                                                                                                       Unpublished (2000)
Contact: Yoshihide Hayashizaki
Contact: Yoshihide Hayashizaki
Genome Exploration Research Group, Life Science Tsukuba Center,
Genome Science Laboratory
The Institute of Physical and Chemical Research (RIKEN), Genomic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             BB318243 264 bp mRNA EST 11-7UI-2000
BB318243 RIKEN full-length enriched, adult male corpora-
quadrigemina Mus musculus cDNA clone B230373P10 3', mRNA sequence.
                                                                                                                                                                                                                                                          3-1-1 Koyadai, Tsukuba, Ibaraki 305-0074, Japan
Tel: +81-298-36-9013
Fax: +81-298-36-9098
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Konno, H., Aizawa, K., Akahira, S., Akiyama, J., Arakawa, T.,
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Itoh, M., Kitsunai, T., Akiyama, J., Shibata, K., Izawa, M., Kawai, J.,
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                                                                                                                                                                                                                               genome-resertc.riken.go.jp,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    constructed by Dav.
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/lab_host="DH10B"
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/clone_lib="NCI_CGAP_Pr2"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Musinae; 1 to 264)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local
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                  Smith College Department of Biological Sciences Department of Biological Sciences, Clark Science College, Northampton, MA, 01063, USA Tel: 4135853826
                                                                                             Unpublished (1995)
Contact: Steven A. Williams
                                                                                                                                                                                                                                                                                      SWAMCA1502SK Brugia malayi adult male cDNA (SAW94NL-BmAM) Brugia malayi cDNA clone SWAMCA1502 5', mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                l Similarity
13; Conserv
                                                                                                                                            Williams, S.A.
                                                                                                                                                                                                          Brugia malayi
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                                                                                Molecular Parasitology
                                                                                                                            Genes expressed in adult males of Brugia malayi
                                                                                                                                                                           Onchocercidae; Brugia.
                                                                                                                                                                                        Eukaryota; Metazoa; Nematoda; Chromadorea; Spirurida; Filarioidea;
                                                                                                                                                                                                                        Brugia malayi.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   19-44 (1999)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Tomaru,Y., Carninci,P., Shibata,Y., Ozawa,Y., Muramatsu,M., Okazaki
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Please visit our web site (http://genome.rtc.riken.go.jp) for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             High-efficiency full-length cDNA cloning. Methods Enzymol. 303,
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/dev_stage="adult"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism="Mus musculus"
/db_xref="taxon:10090"
/clone="B230373P10"
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Pred. No. 6.6e+02;
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                                                 Clark Science Center,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Caenorhabditis elegans
Eukaryota; Metazoa; Nematoda; Chromadorea; Rhabditida; Rhabditoidea; Rhabditidae; Peloderinae; Caenorhabditis.
                                                                                                                                                                                                                                                                                                                                                                                                 Unpublished (1993)
Contact: Kerlavage, AR
                                                                                                                                                                                                                                                                                            Tel: 3018699056
Fax: 3018699423
                                                                                                                                                                                                                                                                                                                                                                                                                                           Caenorhabditis elegans cDNAs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 and Fields, C.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    McCombie, W.R., Kelley, J.M., Aubin, L., Goscoechea, M., FitzGerald, M.G., Wu, A., Adams, M.D., Dubnick, M., Kerlavage, A.R., Venter, J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    wEST02126 Early embryo, Stratagene (cat. #937007) Caenorhabditis elegans cDNA clone CEESQ49 similar to Protein disulfide isomerase,
                                                                                                                                                                                                                                                       Seq primer: M13 Foward
                                                                                                                                                                                                                                                                                                                                        9712 Medical Center Drive,
                                                                                                                                                                                                                                                                                                                                                            The Institute for Genomic Research
                                                                                                                                                                                                                                                                                                                                                                                    Bioinformatics
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                                                                                                                                                                                                                                                                      Email: arkerlav@tigr.org
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Caenorhabditis elegans.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (bases 1 to 335)
                                                                                                           107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  primer:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /note="Vector: lambda Unizap XR; Site_1: EcoR I; Site_2: Xho I; Lymphatic filarial nematode parasite of humans. mRNA was prepared from adult males of Brugia malayi isolated from jirds and converted to double stranded cDNA using reverse transcriptase and oligo(dT) followed by RNASE H and DNApol I. The library had 4.6 x 10E6
                                                                                                                                            /organism="Caenorhabditis elegans"
/db_xref="taxon:6239"
/clone="CEESQ49"
                                                                                                    clone_lib="Early embryo, 62 c 72 g 92
                                                                                                                                                                                                                               Location/Qualifiers
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/lab_host="XL1-Blue MRF'"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="Brugia malayi"
/strain="TRS Labs"
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76.5%;
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  Pred. No. 6.9e+02
                   Score 15.4;
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1 TTYGARGARATGGAYCC 17

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                                                                                                                                            AA237736 434 bp mRNA EST 03-MAR-1997 mx29901.rl Soares mouse NML Mus musculus cDNA clone IMAGE:681648 similar to gb:D49949 Mouse mRNA for IGIF precursor polypeptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
Unpublished (1999)
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Seq primer: -40RP from Gibco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Contact: Robert Strausberg, Ph.D.
Tel: (301) 496-1550
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                                       house mouse.
                                                                                 AA237736.1 GI:1861775
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cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: MGC clone distribution information can be
found through the I.M.A.G.E. Consortium/LinL at:
                                                                                                                        (MOUSE); , mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              129
                                                                                                                                                                                                                                                                                                                                                                                Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /note="Organ: cervix; Vector: pCMV-SPORT6; Site_1: NotI; Site_2: SalI; Cloned unidirectionally. Primer: Oligo dT Average insert size 1.5 kb. Library prepared by Life Technologies."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Technologies
a 74 c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /clone_lib="NIH_MGC_10"
/cell_line="MGC36"
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/db_xref="taxon:9606"
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Marra,M., Hillier,L., Allen,M., Bowles,M., Dietrich,N., Dubuque,T. Geisel,S., Kucaba,T., Lacy,M., Le,M., Martin,J., Morris,M., Schellenberg,K., Steptoe,M., Tan,F., Underwood,K., Moore,B., Theising,B., Wylie,T., Lennon,G., Soares,B., Wilson,R. and
                                                                Unpublished (1999)
Contact: Robert Strausberg, Ph.D.
Tel: (301) 496-1550
                                                                                                                                                                       Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 444)
                                                                                                                                                                                                                                                                                                                                                                             UI-HF-BN0-alu-f-05-\bar{0}-UI.rl NIH_MGC_50 Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Seq primer:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Email: mouseest@watson.wustl.edu
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Tel: 314 286 1800
Fax: 314 286 1810
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           The WashU-HHMI Mouse EST Project
                                                                                                                           NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
                                                                                                                                                                                                                                            Homo sapiens
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                    Email: Robert_Strausberg@nih.gov Eco RI site shown at the beginning of the sequence
                                                                                                                                                                                                                                                                                                                  AW505386.1 GI:7142970
                                                                                                                                                                                                                                                                                                                                                   IMAGE:3080961 5', mRNA sequence.
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Tissue Procurement: Louis M. Staudt, M.D.,
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Bonaldo."
1 79 c 92 g 124 t
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /tissue_type="Liver"
/lab_host="DH10B"
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/db_xref="taxon:10090"
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28m13 rev2 ET from Amersham
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Other_ESTs: maa72e04.y1
Contact: Robert Strausberg, Ph.D.
Tel: (301) 496-1550
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        \tt maa72e04.x1 Soares mouse 3NbMS Mus musculus cDNA \tt IMAGE:3822415 3' similar to SW:IL18_MOUSE p70380
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          l Similarity
13; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MGI:1458767
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mammalia; Eutheria;
1 (bases 1 to 460)
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              BF660764.1 GI:11925898
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRECURSOR ; , mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           cDNA Library Preparation: M.B. Soares Lab
CDNA Library Arrayed by: M.B. Soares Lab
DNA Sequencing by: M.B. Soares Lab
Clone distribution: MGC clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              house mouse.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Seq primer: M13 Forward
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Robert_Strausberg@nih.gov
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="Homo sapiens"
/db_xref="taxon:9606"
/clone="IMAGE:3080961"
/clone_lib="NIH_MGC_50"
/tissue_type="lymph"
/note="Vector: pT7T3D-Pac (Pharmacia) with a modified
polylinker; Site_1: Not I; Site_2: Eco RI; 1st strand cDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Louis M. Staudt, Ph.D. Library preparation by Maria de
Fatima Bonaldo, Ph.D. and M. Bento Soares, Ph.D. "
94 c 78 g 122 t
                                                                                /tissue_type="Spleen"
/dev_stage="4 weeks"
/lab_host="DH10B"
                                                                                                                                                                                                                                                /db_xref="taxon:10090"
/clone="IMAGE:3822415"
/clone_lib="Soares mouse
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/note="Vector: pT/T3-Pac; Site_1: Not1; Site_2: Eco R1
/note="Vector: pt/T3-Pac; Site_2: Eco R1
/note="Vector: pt/T3-Pac; Site_2: Pt/T3-Pac; Site_2: Eco R1
/note="Vector: pt/T3-Pac; Site_2: Pt/T3-Pac; Site_2:
                                                                                                                                                                                                                                                                                                                                                                          /organism="Mus musculus"
/strain="C57BL/6J"
                                                                                                                                                                                                              /sex="male"
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/cell_line="MGC85"
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Marra,M., Hillier,L., Allen,M., Bowles,M., Dietrich,N., Dubuque,T. Geisel,S., Kucaba,T., Lacy,M., Le,M., Martin,J., Morris,M., Schellenberg,K., Steptoe,M., Tan,F., Underwood,K., Moore,B., Theising,B., Wylie,T., Lennon,G., Soares,B., Wilson,R. and Waterston,R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Email: mouseest@watson.wustl.edu
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Contact: Marra M/Mouse EST Project
WashU-HHMI Mouse EST Project
WashIngton University School of MedicineP
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ud69c02.x1 Sugano mouse liver mlia Mus musculus cDNA clone IMAGE:1451138 3' similar to gb:D49949 Mouse mRNA for IGIF precursor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    High quality sequence stop:
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Fax: 314 286 1810
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AII21020
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/Sex lemans // Jab_host="DH10B"
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/db_xref="taxon:10090"
/clone="IMAGE:1451138"
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Pred. No. 7.2e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            National Institute on Aging/National Institutes of Health
National Insti
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Other_ESTs: H3158B03-5
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 499)
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H3158B03-3 NIA Mouse 15K cDNA Clone Set Mus musculus cDNA clone
H3158B03 3', mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Contact: George J. Kargul
Laboratory of Genetics
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Verification and initial annotation of NIA mouse 15K cDNA clone set
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/note="Wectur: Spont1; Site_1: Sal1; Site_2: Not1; This /note="Wectur: Spont1]; Site_1: Sal1; Site_2: Not1; This clone is among a rearrayed set of 15,247 clones from 11 embryo cDNA libraries (including preimplantation stage embryos from unfertilized egg to blastocyst, embryonic part of E7.5 embryos, extraembryonic part of E7.5 embryos, extraembryonic part of E7.5 embryos, and E12.5 female mesonephros/gonad) and one newborn ovary cDNA library. Average insert size 1.5 kb. All source libraries are cloned uniddrectionally with Oligo(dT )-Not primers. References include: (1) Genome-wide expression profiling of mid-gestation placenta and embryousing a 15,000 mouse developmental cDNA microarray, 2000, Proc. Natl. Acad. Sci. U S A, 97: 9127-9132; (2)
Large-scale cDNA analysis reveals phased gene expression patterns during preimplantation mouse develolpment, 2000, Development, 127: 1737-1749; (3) Genome-wide mapping of unselected transcripts from extraembryonic tissue of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               quality sequence stop: 499
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 constructed by Dr. Sumio Sugano (University of Tokyo Institute of Medical Science). Custom primers for sequencing: 5' end primer CTTCCTGCTCTAAAAGCTGCG and 3' end primer CGACCTGCAGCACA."

97 c 83 g 162 t
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/sex="Clones arrayed from a variety of cDNA libraries"
/dev_stage="Clones arrayed from a variety of cDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /db_xref="taxon:10090"
/clone="H3158B03"
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/strain="C57BL/6J"
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76.5%;
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Pred. No. 7.2e+02;
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                                                                                                                                                                                                                               Query Match
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                                                                                                                                                                                              Local Similarity
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COMMENT

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243 TTTGAGGAAATGGATCC 227
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1 TTYGARGARATGGAYCC 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Email: Robert_Strausberg@nih.gov
This clone is available royalty-free through LLNL; contact the
TMAGE Consortium (info@image.llnl.gov) for further information.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Contact: Robert Strausberg, Ph.D. Tel: (301) 496-1550
Email: Robert_Strausberg@nih.gov
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 504)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         High quality sequence stop: 468.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Unpublished (1997)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Tumor Gene Index
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap
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                                       Conservative
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Mol Genet 7: 1967-1978."
a 107 c 96 g 165 t
                                                                                                                                                        7.5-day mouse embryos reveals enrichment in the t-complex
                                                                                                                                                                                                                                                                                                                                                                                                       /tissue_type="Spleen"
/dev_stage="4 weeks"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /db_xref="taxon:10090"
/clone="IMAGE:3822415"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="Mus musculus
/strain="C57BL/6J"
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                                   90.6%; Score 15.4; DB 148; Length 504; 76.5%; Pred. No. 7.3e+02; tive 4; Mismatches 0; Indels 0;
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AW125102/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          determines the means for distribution of the BMAP cDNA clones, this record will be updated accordingly when that means is determined. The following repetitive elements were found in this cDNA sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AW125102 512 bp mkwa
UI-M-BH2.1-apx-g-10-0-UI.S1 NIH_BMAP_M_S3.1 Mus musculus cDNA clone
UI-M-BH2.1-apx-g-10-0-UI 3', mRNA sequence.
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Fax: 301 443 9890
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            National Institute of Mental Health 6001 Executive Blvd. Room 7N-7190, MSC 9643, Bethesda, MD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 512)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Email: mEST@mail.nih.gov
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             20892-9643, USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    97044477
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/lab_host="bHIOB (Life Technologies)"
/note="vector: pf7f3D-Pac (Pharmacia) with a modified
/note="pf7f3D-Pac (Pharmacia) with a modified
/note="pffffac (Pharmacia) with a modified
/
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                                                                                        single-stranded circles (subtracted library) was puriby hydroxyapatite column chromatography, converted to double-stranded circles and electroporated into DH10B
                                                                                                                                                                                                                                           serially subtracted libraries were generated in this process: NIH_BMAP_M_S3.1, NIH_BMAP_M_S2, NIH_BMAP_M_S1. The subtracted library (NIH_BMAP_M_S3.1) was constructed as follows: PCRamplified cDNA inserts from NIH_BMAP_M_S2 clones from which 3' ESTs had been derived was used as a driver in a hybridization with the NIH_BMAP_M_S2 library in the form of single-stranded circles. The remaining
     NIH_BMAP_M_S3.1 library.
                                                    bacteria (LifeTechnologies) to generate the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /clone="UI-M-BH2.1-apx-g-10-0-UI"
/clone_lib="NIH_BMAP_M_S3.1"
/dev_stage="27-32 days"
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This procedure has been
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FEATURES
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          This clone set has been freely distributed to the community. Please visit http://lgsun.grc.nia.nih.gov/cDNA/15k.html for details. Plate: H3158 row: B column: 03
Seq primer: -21M13 Reverse
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Unpublished (2001)
Other_ESTs: H3158B03-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Kargul,G.J., Dudekula,D.B., Qian,Y., Lim,M.K., Jaradat,S.A., Tanaka
,T.S., Carter,M.G. and Ko,M.S.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  BG088827 564 bp mRNA EST 26-JAN-2001 H3158B03-5 NIA Mouse 15K cDNA Clone Set Mus musculus cDNA clone
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      National Institute on Aging/National Institutes of Health 333 Cassell Drive, Suite 4000, Baltimore, MD 21224-6820, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Verification and initial annotation of NIA mouse 15K cDNA clone set
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Email: cdna@lgsun.grc.nia.nih.gov
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                 source libraries are cloned unidirectionally with Oligo(dT)-Not primers. References include: (1) Genome-wide expression profiling of mid-gestation placenta and embryo using a 15,000 mouse developmental cDNA microarray, 2000, proc. Natl. Acad. Sci. U S A, 97: 9127-9132; (2) Large-scale cDNA analysis reveals phased gene expression patterns during preimplantation mouse development, 2000, possible procession preimplantation mouse development, 2000, possible procession preimplantation mouse development.
                                                                                                                                                                                                                            /note="Vector: pSPORT1; Site_1: Sal1; Site_2: Not1; This clone is among a rearrayed set of 15,247 clones from 11 embryo cDNA libraries (including preimplantation stage embryos from unfertilized egg to blastocyst, embryonic part of E7.5 embryos, extraembryonic part of E7.5 femble mesonephros/gonad) and one newborn ovary cDNA library. Average insert size 1.5 kb. All
patterns during preimplantation
Development, 127: 1737-1749; (3)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /clone_lib="NIA Mouse 15K cDNA Clone Set"
/sex="Clones arrayed from a variety of cDNA libraries"
/dev_stage="Clones arrayed from a variety of cDNA
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TAG_SEQ=TGTAC"
104 c 94 g 179
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     libraries"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="Mus musculus"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                    /lab_host="DH10B"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /clone="H3158B03"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /db_xref="taxon:10090"
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76.5%;
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  Best Local Similarity
                   Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 603)

Marra, M., Hillier, L., Allen, M., Bowles, M., Dietrich, N., Dubuque, T., Geisel, S., Kucaba, T., Lacy, M., Le, M., Martin, J., Morris, M., Schellenberg, K., Steptoe, M., Tan, F., Underwood, K., Moore, B., Theising, B., Wylie, T., Lennon, G., Soares, B., Wilson, R. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          vs59f07,rl Stratagene mouse skin (#937313) mus musculus cDNA clone IMAGE:110597 5' similar to gb:049949 Mouse mRNA for IGIF precursor polypeptide (MOUSE); mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               High quality sequence stop: 445
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Emmail: mouseesfewatson.wustl.edu
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Contact: Marra M/Mouse EST Project
WashU-HHMI Mouse EST Project
WashIngton University School of MedicineP
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unpublished (1996)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AA930362
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        The WashU-HHMI Mouse EST Project
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a 111 c 115 g 151 t
                                                                                                   /organism="Mus musculus"
/strain="C57BL/6"
/db_xref="taxon:10090"
/clone="IMAGE:1150597"
                                                                                                                                                                                                                                                                     /tissue_type="whole skin"
/dev_stage="11 weeks old"
                                                                                                                                                                                                                                                                                                                /sex="females'
                                                                                                                                                                                                                                                                                                                            /clone_lib="Stratagene mouse skin (#937313)"
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  90.6%;
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Score 15.4; DB 13; Pred. No. 7.5e+02;
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REFERENCE
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Matches 13; Conserv
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                                                                                                                                                                                                                                                      544 TTCGAGGAGATGGATCC 560
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Mus musculus
                                                                                                    BE979995 713 bp mRNA EST 05-OCT-2000 UI-M-BG2-bcp-h-09-0-UI.s1 NIH_BMAP_MSC_S1 Mus musculus cDNA clone UI-M-BG2-bcp-h-09-0-UI 3', mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Seq primer: pBluescript SK.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Smith College Department of Biological Sciences
Department of Biological Sciences, Clark Science Center, Smith
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Contact: Steven A. Williams
Molecular Parasitology
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Genes expressed in adult males of Brugia malayi Unpublished (1995)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Williams, S.A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Eukaryota; Metazoa; Nematoda; Chromadorea; Spirurida; Filarioidea;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Brugia malayi.
Brugia malayi
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                                                              BE979995.1 GI:10647511
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                         house mouse
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                                                                                                                                                                                                                                                                                                                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     genome@smith.edu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                genome@smith.edu."
a 95 c 114 g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Xho I; Lymphatic filarial nematode parasite of humans. mRNA was prepared from adult males of Brugla malayi isolated from jirds and converted to double stranded cDNA using reverse transcriptase and oligo(dT) followed by RNASE H and DNApol I. The library had 4.6 x 1056 independent recombinants and average insert size was 800 base pairs. The library was constructed by Noelle Ling. The library was constructed by Noelle Ling.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="Brugia malayi"
/strain="TRS Labs"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /clone_lib="Brugia malayi adult male cDNA (SAW94NL-BmAM)"
/lab_host="XL1-Blue_MRF'"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /clone="SWAMCAC03E10"
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1. .648
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /note="Vector: lambda UniZap XR; Site_1: EcoR I; Site_2:
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Pred. No. 7.6e+02;
1; Mismatches 0;
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Best Local
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                                                                                                                                                                                                                                                 BE544528 719 bp mRNA EST 09-AUG-2000 601078354F1 NIH_MGC_12 Homo sapiens cDNA clone IMAGE:3464221 5', mRNA sequence.
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13; Conserv
                                                  Homo sapiens
                                                                                                                                                                         BE544528.1 GI:9773173
                                                                                                                                                                                                                   BE544528
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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National Institute of Mental Health
6001 Executive Blvd. Room 7N-7190, MSC 9643, Bethesda,
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Bonaldo,M.F., Lennon,G. and Soares,M.B.
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/strain="C57BL/6J"
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/db_xref="taxon:10090"
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/clone=lib="NIH_BMAP_MSC_S1"
/dev_stage="27-32 days"
/lab_host="NH10B (Life Technologies)"
/lab_host="NH10
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TAG_SEQ=TGTAC"
1 144 c 135 g 245
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VERSION
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AG007422/c
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TITLE
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                                                                                                                                                                                                                                         Submitted (29-APR-1998) to the DDBJ/EMBL/GenBank databases. Masahira Hattori, Kitasato University, Department of Science, JST Sequencing Laboratory; Kitasato 1-15-1, Sagamihara 228, Japan (E-mail:hattoriéhgc.ims.u-tokyo.ac.jp, Tel:0427-78-9732,
                                                                                                                                                                                                                                                                                                                              1 (bases 1 to 740)
Hattori, M., Ishii, K., Shiba, T. and Sakaki, Y.
Direct Submission
                                                                                                                                                                                                                                                                                                                                                                                              Eukaryota; Metazoa; Chordata; Vertebrata; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                Published Only in DataBase (1998) In press
                                                                                                                                                                           Hattori, M., Ishii, K.,
                                                                                                                                                                                                                                                                                                                                                                                                                                            Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Homo sapiens DNA, clone:T1539X36.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Homo sapiens genomic DNA, 21q region, clone: T1539X36, genomic
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                                                                                                                                                    Homo sapiens genomic DNA, chromosome 21q
                                                                                                                                                                                                                       Fax:0427-78-9561
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AG007422.1 GI:3097375
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Plate: LLAM8464 row: 1 column: 14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Unpublished (1999
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National Institutes of Health, Mammalian
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155 c 148 g 187 t
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                                                                                                           Location/Qualifiers
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                                                                /organism="Homo sapiens"
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/clone_lib="NIH_MGC_12"
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                                                                                                                                                                           Shiba, T. and Sakaki, Y.
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RESULT 19
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Best Local :
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mRNA sequence.
BE542842
                                       BE542842 779 bp mRNA EST 09-AUG-2000 601067660F1 NIH_MGC_10 Homo sapiens cDNA clone IMAGE:3453758 5',
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Contact: Robert Strausberg, Ph.D. Tel: (301) 496-1550
Email: Robert_Strausberg@nih.gov
Tissue Procurement: ATCC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Plate: LLAM9969 row: c column: 09 High quality sequence stop: 710.
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Plate: LLAM9969 row:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CDNA Library Preparation: Life Technologies, Inc. CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL) DNA Sequencing by: Incyte Genomics, Inc. Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at:
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National Institutes of Health, Mammalian Gene Collection (MGC)
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Mammalia; Euthoria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 772)
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/clone_Iib="Notestant"
/note="Organ: adrenal gland; Vector: pcMV-SporT6; Site_1: Note: "Organ: adrenal gland; Vector: pcMV-SporT6; Site_1: Note: Site_2: Salf; Cloned unidirectionally; oligo-dT primed. Average insert size 1.229 kb. Library enriched for full-length clones and constructed by Life Technologies. Note: this is a NIH_MGC_Library."

155 c 149 g 203 tr
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/db_xref="taxon:9606"
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                                                                                       Unpublished (2000)
Contact: Brendan J Loftus
Contact: Brendan J Loftus
Department of Eukaryotic Genomics
The Institute for Genomic Research
9712 Medical Center Dr., Rockville, MD 20850, USA
Tel: 301 838 0200
Fax: 301 838 0208
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Contact: Robert Strausberg, Ph.D.
Tel: (301) 496-1550
Email: Robert Strausberg@nih.gov
Tissue Procurement: ATCC
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NIH-MGC http://mgc.nci.nih.gov/. National Institutes of Health, Mammalian Gene Collection (MGC)
Seq primer: M13-Reverse
                                            Email: bjloftus@tigr.org Clones are derived from the Entamoeba histolytica HM1:IMSS sheared
                                                                                                                                                                                                                                                 Eukaryota; Entamoebidae; Entamoeba.

1 (bases 1 to 872)

Loftus, B., Van Aken, S. and Fraser, C. Determination of clone end sequences

HM1:IMSS sheared DNA library
                                                                                                                                                                                                                                                                                                                                                                       Entamoeba histolytica.
Entamoeba histolytica
                                                                                                                                                                                                                                                                                                                                                                                                                                           AZ530862.1 GI:11085052
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170 c 160 g 204 t
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Pred. No. 7.8e+02; Indels
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                 Submitted (12-APR-2000) to the EMBL/GenBank/DDBJ databases This sequence is a single read and was generated as part of a large scale clone-end sequencing project of the Tetraodon nigroviridis genome. For more information, please take a look at
                                                                                                                                                                                            2 (bases 1 to 921)
Roest-Crollius, H., Jaillon, O., Dasilva, C., Bouneau, L., Fish Bernot, A., Fizames, C., Wincker, P., Brottler, P., Quetier, F., Saurin, W. and Weissenbach, J.
                                                                                                                                                                                                                                                                                           Charaterization and repeat analysis of the compact genome of the freshwater pufferfish Tetraodon nigroviridis
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Roest-Crollius, H., Jaillon, O., Dasilva, C., Fizames, C.,
                                                                                                                                                                                                                                                                                                                                                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Actinopterygii; Neopterygii; Teleostet; Euteleostei; Neoteleostei; Eurypterygii; Ctenosquamata; Acanthomorpha; Euacanthomorpha; Holacanthopterygii; Acanthopterygii; Percomorpha; Tetraodontiformes; Tetraodontoidei; Tetraodontidae; Tetraodon.
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Tetraodon nigroviridis genome survey sequence T7
081E03 of library G from Tetraodon nigroviridis,
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13; Conser
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High quality sequence start: 62
High quality sequence stop: 727.
                                                                                           Direct Submission
                                                                                                            Genoscope.
                                                                                                                                            unpublished
                                                                                                                                                               Tetraodon nigroviridis
                                                                                                                                                                                                                                                                        Unpublished
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http://www.genoscope.cns.fr/Tetraodon
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/db_xref="taxon:5759"
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Pred. No. 7.9e+02;
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                                                                                                                                                                                 genome wide analysis using
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                                TTYGARGARATGGAYCC 17
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NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
Unpublished (1999)
                                                                                                                                                                                                                                                                                                                                                                                              Plate: LLAM8465 row: p column: 13 High quality sequence stop: 683.
                                                                                                                                                                                                                                                                                                                                                                                                                               found through the I.M.A.G.E. Consortium/LLNL at: http://image.llnl.gov
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Contact: Robert Strausberg, Ph.D. Tel: (301) 496-1550
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                                                                                  Similarity
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                                                                                                                                                                     /note="Organ: cervix; Vector: pCMV-SPORT6; Site_1: Not1; Site_2: Sall; Cloned unidirectionally. Primer: Oligo dT. Average insert size 1.4 kb. Library prepared by Life Technologies."

202 c 196 g 233 t
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/clone="IMAGE:3464700"
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/note="Genoscope sequence ID : C0BG081AC02LP1-end : T7"
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/ 199 c 220 g 273 t 5 others
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                                                                                                                                                                                                                                                           /tissue_type="cervical carcinoma cell line"
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                                                                                                                                                                                                                                                                                            /clone_lib="NIH_MGC_12"
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                                                                                    Score 15.4; DB Pred. No. 8e+02;
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                                                                                                    DB 136;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               source
                                                                                                                                                                                                                         138 TTGAAGAAATGGACCC 123
                                                                                                                                                                                                                                                                         2 TYGARGARATGGAYCC 17
AV261563 267 bp mrNA EST 04-NOV-1999 AV261563 RIKEN full-length enriched, adult male testis (DH10B) Mus musculus cDNA clone 4930422M09 3', mRNA sequence.

AV261563 AV261563.1 GI:6249022
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Email: Robert_Strausberg@nih.gov
Tissue Procurement: Lothar Hennighausen Ph.D., Jeffrey Green M.D.,
Gilbert Smith, Ph.D., William Muller, M.D.
CDNA Library Preparation: M. Bento Soares, Ph.D., M. Fatima
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL) DNA Sequencing by: Washington University Genome Sequencing Center Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LLML at:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Other_ESTs: uq94d12.x1
Contact: Robert Strausberg, Ph.D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Unpublished (1997)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            uq94d12.y1 NCI_CGAP_Mam10 Mus musculus cDNA clone IMAGE:2938775 5', mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ımage.lini.gov/image/html/iresources.shtml
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Mus muscurus
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(bases 1 to 252)
                                                                                                                                                                                                                                                                                                                        Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (301) 496-1550
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Double-stranded CDNA was ligated to Eco RI adaptors (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of the modified pT/T3 vector. Library went through one round of normalization, and was
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /tissue_type="pooled mammary gland tumors"
/lab_host="DHIOB (phage-resistant)"
/note="Organ: mammary gland; Vector: pT7T3D-Pac (Pharmacia ) with a modified polylinker; Site_1: Not1; Site_2: EcoRI; lst strand cDNA was prepared from mRNA obtained from pooled mammary gland tumors with a Not I - oligo(dT) primer [6]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               constructed
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /clone="IMAGE:2938775"
/clone_lib="NCI_CGAP_Mam10"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /db_xref="taxon:10090"
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75.0%;
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                                                                                                                                                                                                                                                                                                                                         Score 14.4; DB 119; Length 252; Pred. No. 2.3e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   by Bento Soares and M. Fatima Bonaldo. " 52 \text{ g} 76 \text{ t}
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KEYWORDS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Transcriptional sequencing: A method for DNA sequencing using RNA polymerase. Proc. Natl. Acad. Sci. U.S.A. 95 (7), 3455-3460 (1998) Itoh, M., Kitsunai, T., Akiyama, J., Shibata K., Izawa, M., Kawai, J., Tomaru, Y., Carninci, P., Shibata, Y., Ozawa, Y., Muramatsu, M., Okazaki
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Tel: +81-298-36-9013
Fax: +81-298-36-9098
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Automated filtration-based high-throughput plasmid preparation system. Genome Res. 9 (5), 463-470 (1999)
Carninci,P. and Hayashizaki,Y.
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Genome Exploration Research Group, Life Science Tsukuba Center,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                further details
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URL:http://genome.rtc.riken.go.jp/
Sasaki,N., Tawwa,M., Watahiki,M., Ozawa,K., Tanaka,T., Yoneda,Y.,
Matsuura,S., Carninci,P., Muramatsu,M., Okazaki,Y. and Hayashizaki
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The Institute of Physical and Chemical Research (RIKEN), Genomic
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Please visit our web site (http://genome.rtc.riken.go.jp) for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        High-efficiency full-length cDNA cloning. Methods Enzymol.
FLC I. C
                contributed to prepare mouse tissues. 1st strand cDNA was primed with a primer [5' GAGAGAGAGAGAGACTCTTTTTTTTTTTTTTVN 3'], cDNA was
                                                                                                                                                                                                                                                                                                                                                                                                                                                         /note="Site_1: SalI; Site_2: BamHI; cDNA library was prepared and sequenced in Mouse Genome Encyclopedia Project of Genome Exploration Research Group in Riken Genomic Sciences Center and Genome Science Laboratory in RIKEN. Division of Experimental Animal Research in Riken
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="Mus musculus"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /tissue_type="testis"
/dev_stage="adult"
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/clone="4930422M09"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /lab_host="DH10B"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /clone_lib="RIKEN full-length enriched, adult male testis
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Query Match 84.7%; Score 14.4; DB 26; Length 267;
Best Local Similarity 75.0%; Pred. No. 2.3e+03;
Matches 12; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTYGARGARATGGAYC 16
|+:|+:|+|+|+|
Db 13 TTTGAGGAGATGGACC 28

Search completed: May 15, 2001, 10:54:39

Job time: 2945 sec
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